

III) Please cancel claims 3-5 and amend claim 6 as set forth below:

(Previously Presented) 1. A vibrating toothbrush comprising:

5 an elongated hollow tube defining a toothbrush body having
a top-head end and a bottom-seat end;

10 a vibrating means disposed near said bottom-seat end inside said
hollow tube wherein said vibrating means comprising a two-arm
fork with a first fork and a second fork extended from a central
portion wherein said first fork and second fork substantially
extends semi-circularly opposite each other and having a first and
second permanent magnets attached to an end of said first and
second fork respectively;

15 a vibrating lever arm mounted on said central portion of
said vibrating means and extends therefrom toward said
top-head end wherein said central portion rotating along a
rotational axis defined by said vibrating lever arm; and

20 a DC motor for rotating a vibrating driving shaft at a DC
motor rotational frequency;

25 said vibrating means further comprising a multiple-arm
permanent magnet attached to and rotating with said vibrating
driving shaft driven by said DC motor wherein said multiple-arm
permanent magnet having a plurality of extended arms extended
from said vibrating driving shaft toward and rotationally
approaching said first and second permanent magnets for
30 magnetically asserting a force on said two-arm fork for vibrating
said two-arm fork and said vibrating lever arm attached thereto.

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(Previously Presented) 2. The vibrating toothbrush of claim 1 further comprising:

5 a toothbrush head mounted onto said toothbrush body on said top-head end and mechanically coupled to and vibrating with said vibrating lever arm.

(Canceled) 3. A vibrating toothbrush comprising:

10 an elongated hollow tube defining a toothbrush body having a top-head end and a bottom-seat end;

a vibrating means disposed near said bottom-seat end inside said hollow tube;

15 a vibrating lever arm mounted on said vibrating means and extends therefrom toward said top-head end; and

20 a rotational means for rotating a vibrating driving shaft at a rotational frequency and energy-transferably engaging said vibrating means for generating a vibrating frequency higher than said rotational frequency.

(Canceled) 4. The vibrating toothbrush of claim 3 further comprising:

25 a toothbrush head mounted onto said toothbrush body on said top-head end and mechanically coupled to and vibrating at said vibrating frequency with said vibrating lever arm.

(Canceled) 5. The vibrating toothbrush of claim 3 wherein:

5 said rotational means comprising a DC motor for rotating
 said vibrating driving shaft at a rotational frequency of said
 DC motor rotational speed.

(Currently Amended) 6. ~~A The vibrating toothbrush of claim 3 wherein~~
comprising:

10 an elongated hollow tube defining a toothbrush body having
 a top-head end and a bottom-seat end;

a vibrating means disposed near said bottom-seat end inside
 said hollow tube;

15 a vibrating lever arm mounted on said vibrating means and
 extends therefrom toward said top-head end;

20 a rotational means for rotating a vibrating driving shaft at a
 rotational frequency and energy-transferably engaging said
 vibrating means for generating a vibrating frequency higher than
 said rotational frequency;

25 said vibrating means further comprising a two-arm fork with a
 first fork and a second fork extended from a central portion
 wherein said first fork and second fork substantially extends
 semi-circularly opposite each other and having a first and second
 permanent magnets attached to an end of said first and second
 fork respectively;

30 said central portion engaging said vibrating lever arm and
 rotating along a rotational axis defined by said vibrating lever
 arm; and

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5 said vibrating means further comprising a multiple-arm
permanent magnet attached to and rotating with said vibrating
driving shaft driven by said rotation means wherein said
multiple-arm permanent magnet having a plurality of extended
arms extended from said vibrating driving shaft toward and
rotationally approaching said first and second permanent
magnets for magnetically asserting a force on said two-arm fork
for vibrating said two-arm fork and said vibrating lever arm
attached thereto.

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(Previously Presented) 7. The vibrating toothbrush of claim 6 wherein:

15 said multiple-arm magnet comprising three extended arms
extended from said vibrating driving shaft at positions
represented by phase angles of substantially one-hundred-and-
twenty degrees apart from each other for vibrating said two-arm
fork at substantially at a vibrating frequency three-times of a
rotational frequency of said vibration driving shaft.

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(Canceled) Claims 8-14